



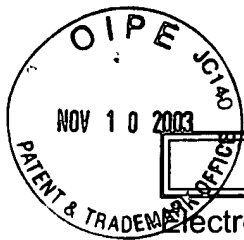
Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 50422  
Application ID: 10634596  
Title of Invention: SHIFT REGISTER WITH REDUCED  
AREA AND POWER  
CONSUMPTION  
First Named Inventor: JOHNNY CHAN  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-08-04  
Effective Receipt Date: 2003-11-10  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 6529  
Attorney Docket Number: ATM253




Total Fees Authorized:

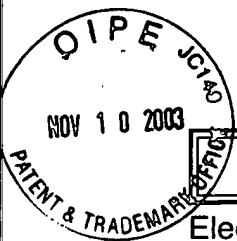
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Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 572d56df55d46c6c18da239a658f2f3ddaceda5c

**TRANSMITTAL**

Electronic Version v1.1

Stylesheet Version v1.1.0

<b>Title of Invention</b>	<b>SHIFT REGISTER WITH REDUCED AREA AND POWER CONSUMPTION</b>									
<p>Application Number: 10/634596 </p> <p>Date: 2003-08-04</p> <p>First Named Applicant: Mr. JOHNNY CHAN</p> <p>Confirmation Number: 6529</p> <p>Attorney Docket Number: ATM253</p>										
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<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Mr. THOMAS SCHNECK Registered Number: 24518</td><td>/thomas schneck/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Mr. THOMAS SCHNECK Registered Number: 24518	/thomas schneck/	Attorney		
Submitted by:	Elec. Sign.	Sign. Capacity								
Mr. THOMAS SCHNECK Registered Number: 24518	/thomas schneck/	Attorney								
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>ATM253IDS-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	ATM253IDS-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files									
us-ids	ATM253IDS-usidst.xml									
	us-ids.dtd									
	us-ids.xsl									
<b>Comments</b>										



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

SHIFT REGISTER WITH REDUCED AREA AND POWER  
CONSUMPTION

Application Number: 10/634596



Confirmation Number: 6529

First Named Applicant: JOHNNY CHAN

Attorney Docket Number: ATM253

Art Unit: 2816

Search string: ( 6058156 or 5381455 or 5295174 or 5150389  
or 4903285 or 4672647 or 4598214 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class.	Subclass
	1	6058156	2000-05-02	Kohji Kanba	A1	377	78
	2	5381455	1995-01-10	Kevin Ovens, et al.	A1	377	67
	3	5295174	1994-03-15	Shin Shimizu	A1	377	76
	4	5150389	1992-09-22	Soichi Kawasaki	A1	377	67
	5	4903285	1990-02-20	Daniel G. Knierim, et al.	A1	377	78
	6	4672647	1987-06-09	Akira Yamaguchi, et al.	A1	377	77
	7	4598214	1986-07-01	Joe F. Sexton	A1	307	291

Signature

Examiner Name	Date